

FOR
FCC
USE
ONLY

20091124AJE

FCC 302-AM
APPLICATION FOR AM
BROADCAST STATION LICENSE

(Please read instructions before filling out form.)

FOR COMMISSION USE ONLY

FILE NO.

SECTION I - APPLICANT FEE INFORMATION

1. PAYOR NAME (Last, First, Middle Initial)

EL SOL BROADCASTING, LLC

MAILING ADDRESS (Line 1) (Maximum 35 characters)

1530 NORTH CASS STREET, SUITE A

MAILING ADDRESS (Line 2) (Maximum 35 characters)

CITY

MILWAUKEE

STATE OR COUNTRY (if foreign address)
WI

ZIP CODE
68759

TELEPHONE NUMBER (include area code)
414-899-9902

CALL LETTERS
WJTI

OTHER FCC IDENTIFIER (If applicable)
68759

2. A. Is a fee submitted with this application?

☐ Yes ☒ No

B. If No, indicate reason for fee exemption (see 47 C.F.R. Section

☐ Governmental Entity ☐ Noncommercial educational licensee ☒ Other (Please explain): Amendment

C. If Yes, provide the following information:

0004142634

Enter in Column (A) the correct Fee Type Code for the service you are applying for. Fee Type Codes may be found in the "Mass Media Services Fee Filing Guide." Column (B) lists the Fee Multiple applicable for this application. Enter fee amount due in Column (C).

(A) FEE TYPE CODE	(B) FEE MULTIPLE	(C) FEE DUE FOR FEE TYPE CODE IN COLUMN (A) \$	FOR FCC USE ONLY
	0 0 0 1		

To be used only when you are requesting concurrent actions which result in a requirement to list more than one Fee Type Code.

(A)	(B)	(C)	FOR FCC USE ONLY
	0 0 0 1	\$	

ADD ALL AMOUNTS SHOWN IN COLUMN C,
AND ENTER THE TOTAL HERE.
THIS AMOUNT SHOULD EQUAL YOUR ENCLOSED
REMITTANCE.

TOTAL AMOUNT REMITTED WITH THIS APPLICATION \$	FOR FCC USE ONLY

RECEIVED - FCC

JAN 12 2011

Federal Communications Commission
Bureau / Office

ORIGINAL

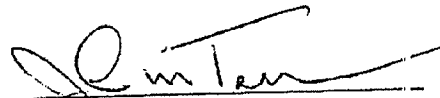
FCC 302-AM
August 1995

Amendment

Re: Station WJTI(AM)
Facility ID No. 68759
BL-20091124AJE

Please amend the above referenced license application in accordance with the attached
Technical Statement.

January 11, 2011



John M. Torres
Manager
El Sol Broadcasting, LLC

AMEND BMML-20091124AJE
APPLICATION FOR STATION LICENSE
EL SOL BROADCASTING, LLC
WJTI AM RADIO STATION
1460 kHz - 0.24/1.0 kW - DA2
WEST ALLIS, WISCONSIN
January 2011

This Technical Statement was prepared on behalf of El Sol Broadcasting, LLC ("El Sol"), licensee of radio station WJTI, 1460 kHz, West Allis, Wisconsin. El Sol submitted an application for station license to cover the outstanding permit (BMML-20091124AJE), including a moment method proof of performance.

It has come to our attention that the original moment method proof of performance did not include the de-tuning details required for the unused towers in the daytime and nighttime arrays. Specifically, during daytime operation Towers #5 and #6 are unused, while during nighttime operation Towers #1 and #2 are not used. This required analysis in the moment method calculations of the de-tuning is required. Attached as Exhibit #4B is the tower drive information for daytime and nighttime operations. Exhibit #4B will replace the tower drive information provided at the end of Exhibit #4A of the original application. In addition, as part of Exhibit #4B is an explanation of how the de-tuning was achieved. The addition of the de-tuning coils, while requiring slight adjustments to the phasor and antenna tuning units, did not significantly impact the final antenna monitor phase and ratio readings which remain within the required tolerance and no further changes to the Form 302 application are required. No other changes are being made.

AMEND BMML-20091124AJE
APPLICATION FOR STATION LICENSE
EL SOL BROADCASTING, LLC
WJTI AM RADIO STATION
1460 kHz - 0.24/1.0 kW - DA2
WEST ALLIS, WISCONSIN
January 2011

EXHIBIT #4B

During daytime operation, Tower #5 has a 58.99 uHy coil shunt inductance to ground equivalent to +j 541.12 Ohms as a conjugate reactance to the drive impedance reactance at the tower in daytime mode operation. Also during daytime operation, Tower #6 has a 79.93 uHy coil shunt inductance to ground equivalent to +j 531.4 Ohms as a conjugate reactance to the drive impedance reactance at this tower in daytime mode operation. During nighttime operation, Tower #1 has a 56.12 uHy coil shunt inductance to ground equivalent to +j 514.78 Ohms as a conjugate reactance to the drive impedance reactance at the tower in nighttime mode operation. Also during nighttime operation, Tower #2 has a 55.99 uHy coil shunt inductance to ground equivalent to +j 513.63 Ohms as a conjugate reactance to the drive impedance reactance at this tower in nighttime mode operation. The shunt reactance for each tower effectively de-tunes the towers from radiating any significant power for the appropriate mode of operation and is included in the Moment analysis of the array as shown below.

TOWER DRIVE INFORMATION - DAY					
	Field Ratios	Field Phase	Drive Imped. (Ω)	Current	Power (W)
Tower 1	1.0000	0.0000	22.89 + j29.67	6.21 ∠ 0.00	882.6853
Tower 2	0.7200	-125.0000	-14.89 + j71.79	4.16 ∠ -126.69	-257.0424
Tower 3	0.9000	125.0000	-3.20 - j6.84	6.22 ∠ 122.57	-123.9661
Tower 4	0.6500	0.0000	34.48 + j36.60	3.81 ∠ 1.32	499.6924
Tower 5	0.0000	0.0000	-75.55 - j541.12	0.13 ∠ 132.70	-1.2590
Tower 6	0.0000	0.0000	-7.35 - j531.40	0.12 ∠ 83.00	-0.1103

TOWER DRIVE INFORMATION - NIGHT					
	Field Ratios	Field Phase	Drive Imped. (Ω)	Current	Power (W)
Tower 1	0.0000	0.0000	-24.54 - j514.78	0.18 ∠ 105.55	-0.8287
Tower 2	0.0000	0.0000	-41.08 - j513.63	0.09 ∠ 162.95	-0.3450
Tower 3	1.0000	-122.0000	22.37 + j20.49	3.27 ∠ 0.00	239.0564
Tower 4	0.9300	6.0000	21.90 + j41.92	2.68 ∠ 128.24	157.4827
Tower 5	0.7800	127.0000	-11.01 + j102.59	2.04 ∠ -114.41	-45.9390
Tower 6	0.4700	-13.0000	-57.43 + j44.48	1.38 ∠ 100.83	-109.4264

AFFIDAVIT AND QUALIFICATIONS OF CONSULTANT


State of Georgia)
St. Simons Island) ss:
County of Glynn)

R. STUART GRAHAM, being duly sworn, deposes and says that he is an officer of Graham Brock, Inc. Graham Brock has been engaged by El Sol Broadcasting, LLC, to prepare the attached Technical Exhibit.

His qualifications are a matter of record before the Federal Communications Commission. He is a graduate of Auburn University and has been active in Broadcast Engineering since 1972.

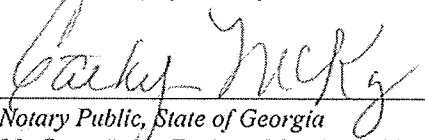
The attached report was either prepared by him or under his direction and all material and exhibits attached hereto are believed to be true and correct.

This the 7th day of January 2011.



R. Stuart Graham, Jr.
Affiant

*Sworn to and subscribed before me
this the 7th day of January 2011*



Notary Public, State of Georgia
My Commission Expires: March 18, 2011